

Title (en)

External electric drive propulsion unit for a SWATH vessel

Title (de)

Von aussen anzubringende elektrische Antriebseinheit für SWATH-Schiffe

Title (fr)

Unité de propulsion électrique externe pour bateaux de type SWATH

Publication

EP 1348619 A2 20031001 (EN)

Application

EP 03076976 A 20000323

Priority

- EP 00201072 A 20000323
- US 30392299 A 19990503

Abstract (en)

A SWATH vessel having a propulsion unit arranged on each hull (12) characterised in that said propulsion unit (18) comprises an means (24) for drawing fluid through said inlet (28) to propel said SWATH vessel, wherein said inlet is disposed along a substantial portion of the area of said body where boundary layer separation would otherwise occur at a predetermined speed. <IMAGE>A SWATH vessel having a propulsion unit arranged on each hull (12) characterised in that said propulsion unit (18) comprises an means (24) for drawing fluid through said inlet (28) to propel said SWATH vessel, wherein said inlet is disposed along a substantial portion of the area of said body where boundary layer separation would otherwise occur at a predetermined speed. <IMAGE>

IPC 1-7

B63H 11/08; **B63B 1/12**; **B63H 11/01**; **B63H 21/17**

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- US 5301624 A 19940412 - HALL NELSON W [US], et al
- US 4963237 A 19901016 - OLDS ROBERT S [US], et al
- US 5252875 A 19931012 - VERONESI LUCIANO [US], et al
- US 3708251 A 19730102 - PIERRO J
- US 4831297 A 19890516 - TAYLOR OWEN S [US], et al
- US 5679037 A 19971021 - RIEBEN LEO R [US]
- US 5078628 A 19920107 - GARIS JR CHESTER A [US]
- EP 0928738 A2 19990714 - ELECTRIC BOAT CORP [US]
- EP 0887259 A2 19981230 - ELECTRIC BOAT CORP [US]

Cited by

DE102004058259A1; DE102004058259B4; WO2010093305A1

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